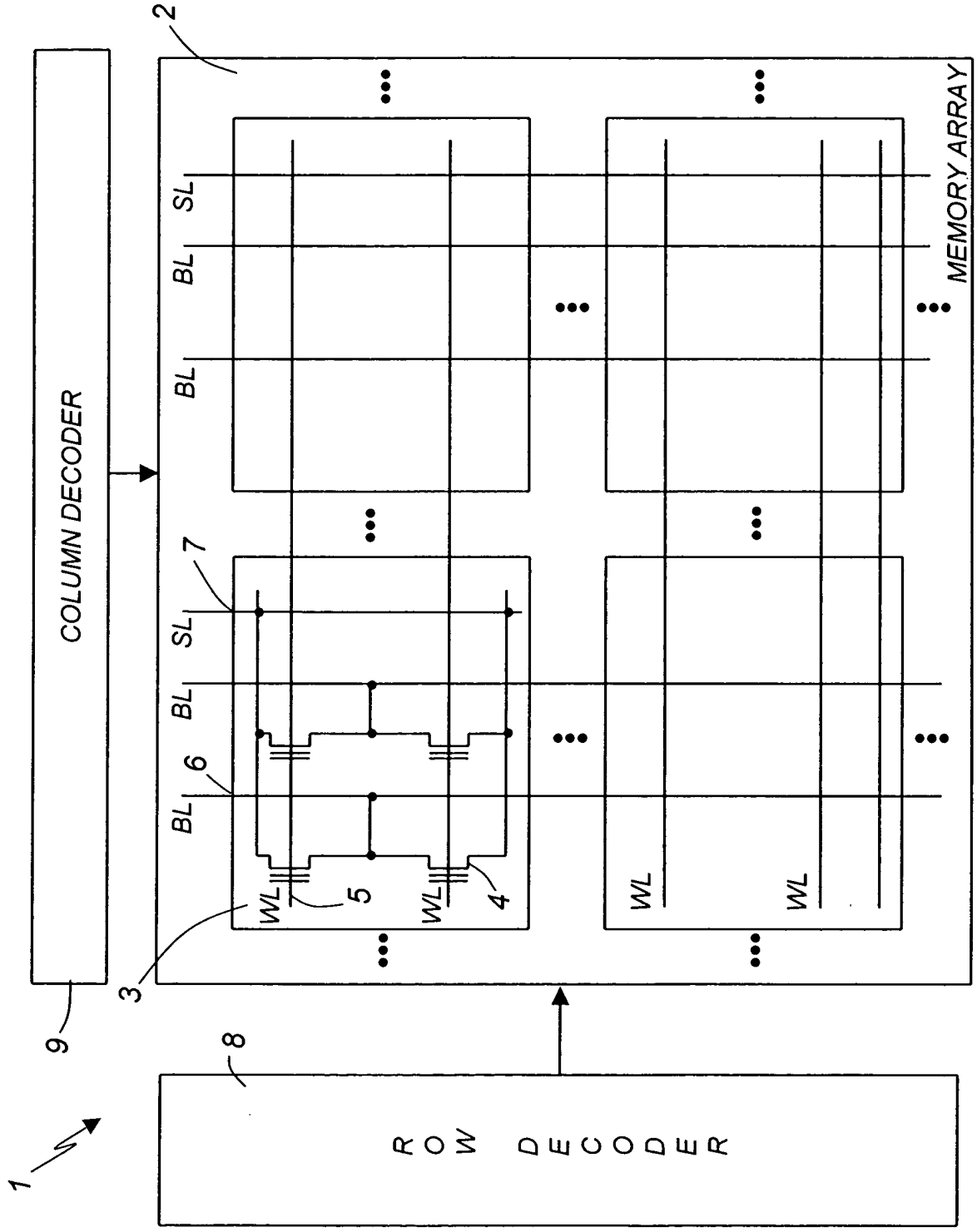
Fig. 1



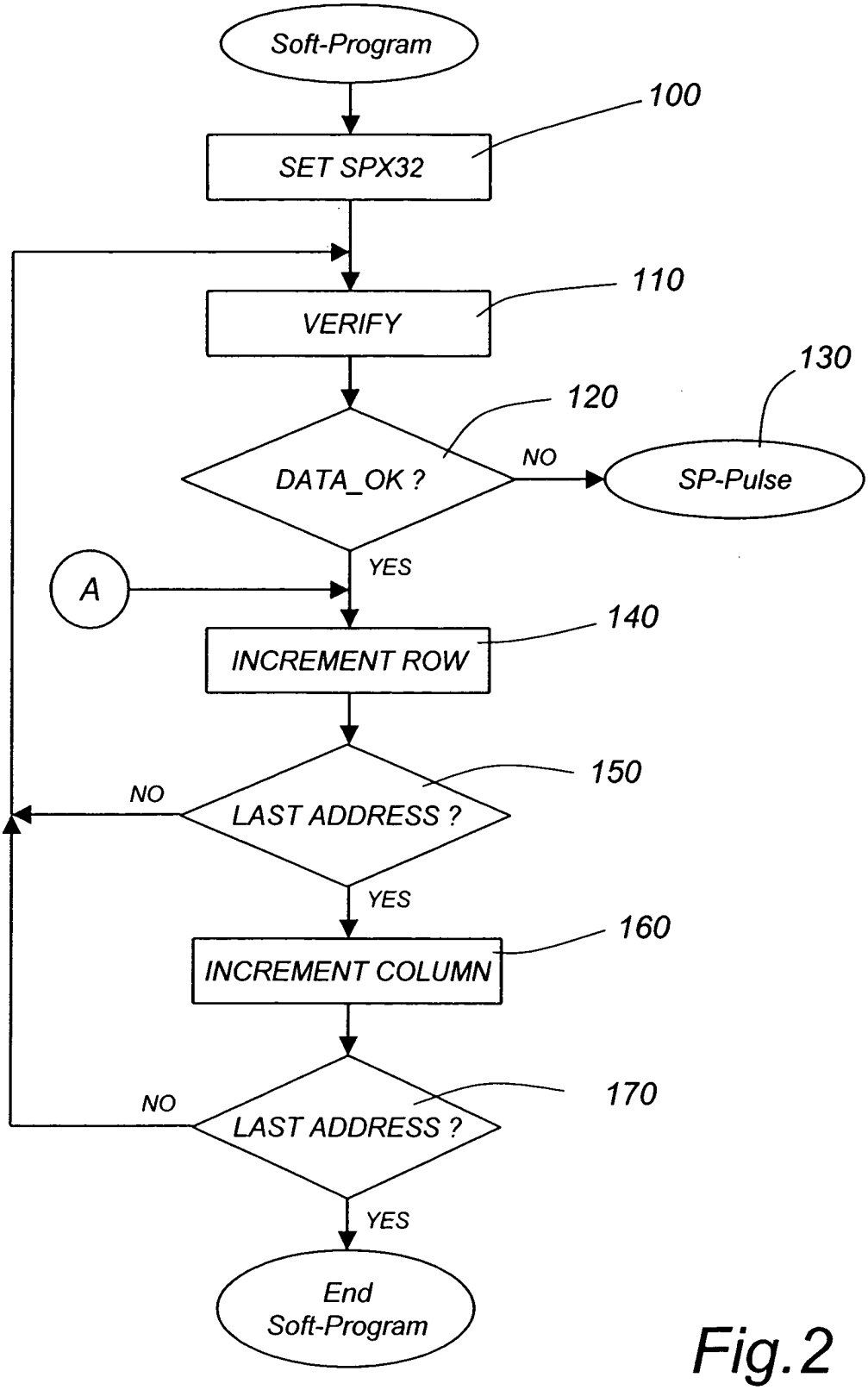

Soft-Program
100
SET SPX32
110
VERIFY
130
120
DATA_OK ?
NO
SP-Pulse
YES
A
140
INCREMENT ROW
150
NO
LAST ADDRESS ?
YES
160
INCREMENT COLUMN
170
NO
LAST ADDRESS ?
YES
End
Soft-Program

Fig.2

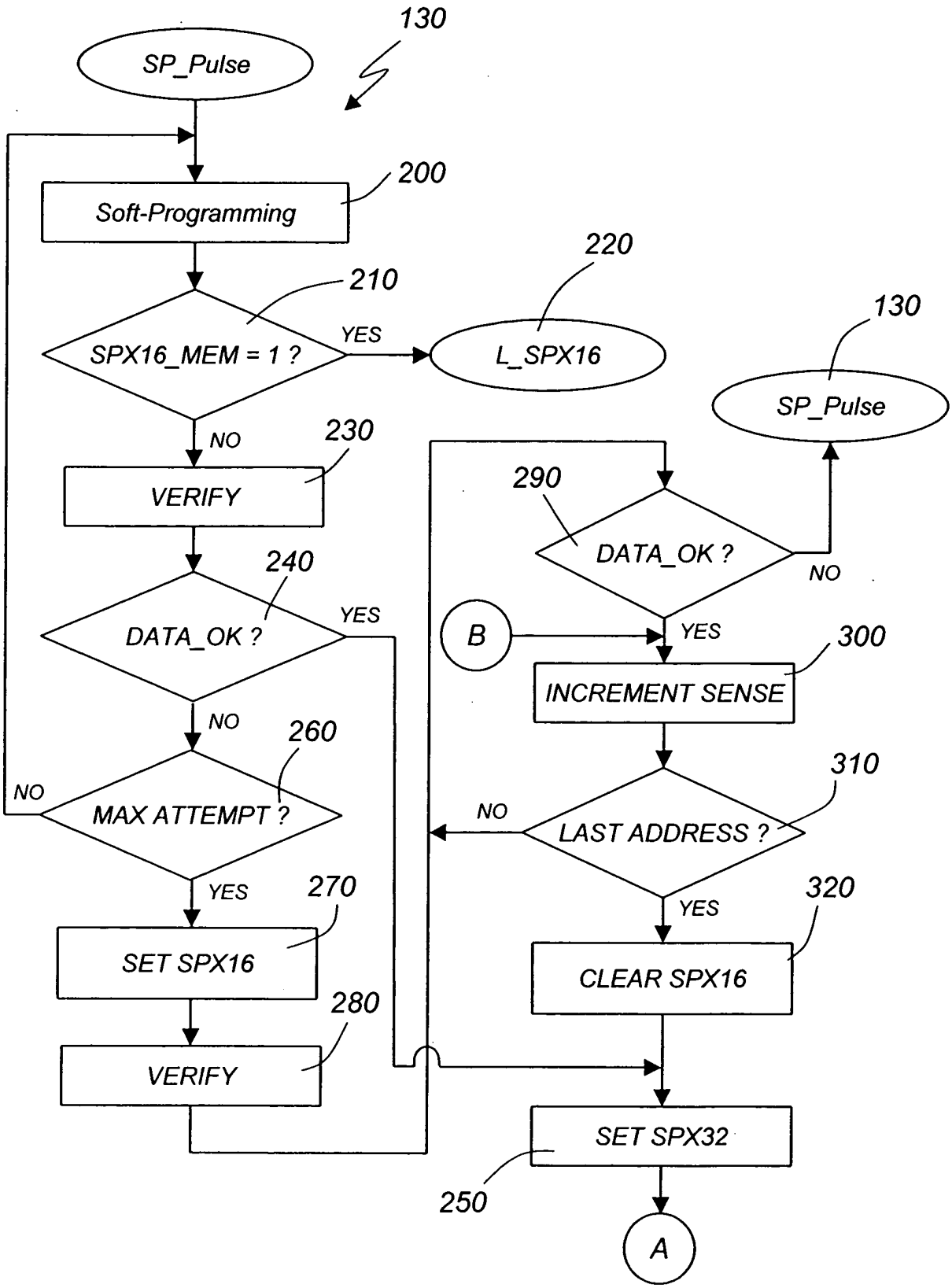

130
SP_Pulse
200
Soft-Programming
210
SPX16_MEM = 1 ?
YES
220
L_SPX16
NO
230
VERIFY
240
DATA_OK ?
YES
NO
260
MAX ATTEMPT ?
NO
YES
270
SET SPX16
280
VERIFY
130
SP_Pulse
290
DATA_OK ?
NO
B
YES
300
INCREMENT SENSE
310
LAST ADDRESS ?
NO
YES
320
CLEAR SPX16
SET SPX32
250
A

Fig.3

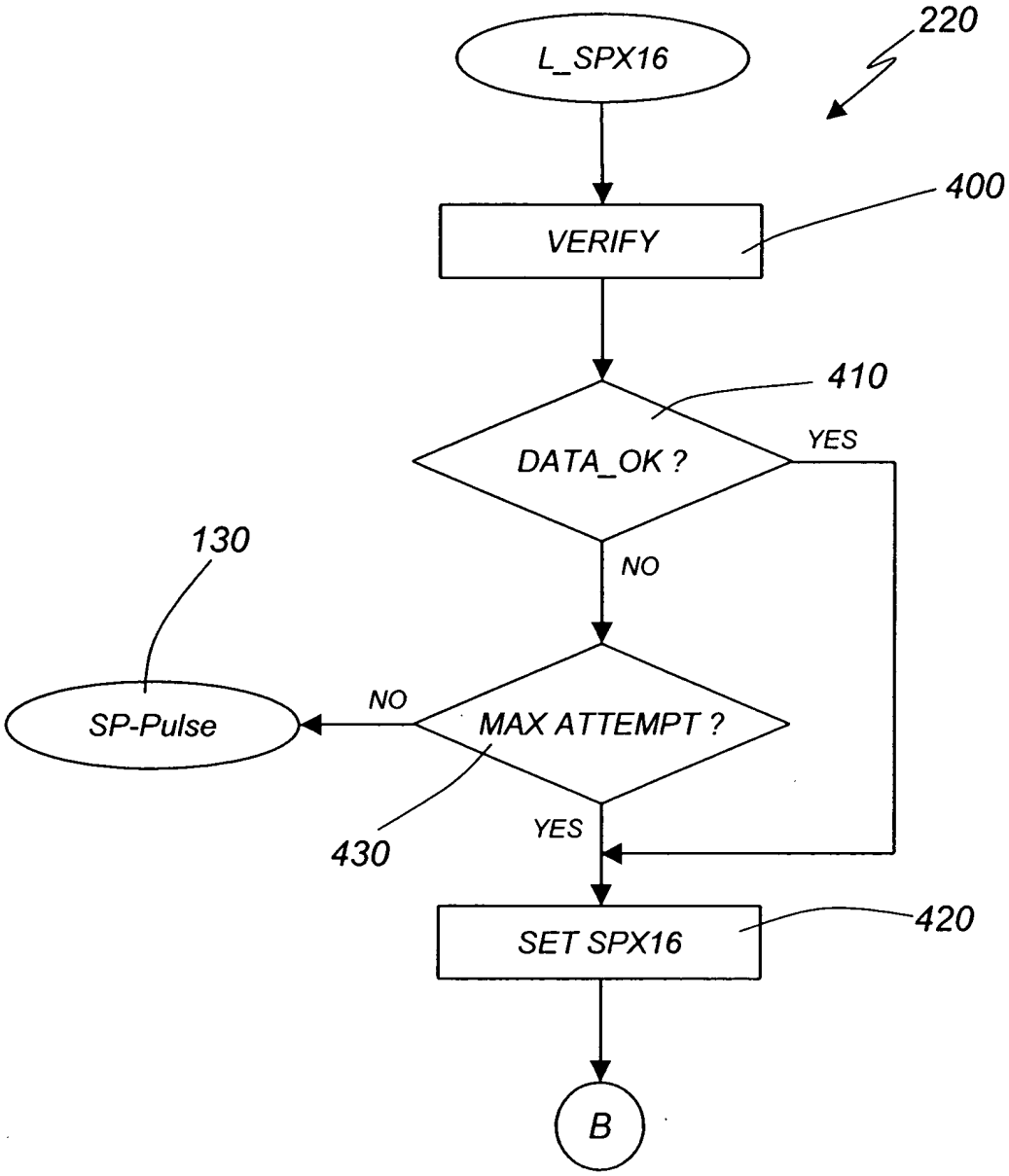

L_SPX16
220
VERIFY
400
410
DATA_OK ?
YES
NO
130
SP-Pulse
NO
MAX ATTEMPT ?
430
YES
SET SPX16
420
B

Fig.4